



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Takao OGAWA et al.

Serial No. 09/394,514

Filed: September 13, 1999

For: ELECTRONIC TOLL  
COLLECTION SYSTEM FOR  
TOLL ROAD

Art Unit: 2163

Examiner: C.M. Colon

Atty Docket: 0102/0074

#7/A  
11-20-01  
Hull

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The following is a response to the Office Action dated July 13, 2001. Please amend the above-identified application as follows.

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In the Claims

Please amend claims 1 and 3 as follows:

- Sub  
A/C1
1. (Amended) An ETC (electronic toll collection) system comprising:  
an antenna having a predetermined directivity for providing a limited radio-communication service zone;  
a vehicle sensor for detecting a vehicle which reaches a predetermined position in the limited radio-communication service zone;  
first means for transmitting a radio signal via the antenna;  
second means for deciding whether or not a radio response to the radio signal is received via the antenna;